

**What is claimed is:**

1. A medicinal composition, comprising:
  - at least one pharmaceutical;
  - at least one nutraceutical; and
  - a pharmaceutically acceptable base;wherein at least one of the pharmaceutical and the nutraceutical treats pain resulting from an inflammatory response.
2. A composition according to claim 1, wherein said pharmaceutical is selected from a group consisting of pain relieving and anti-inflammatory agents and combinations thereof.
3. A composition according to claim 2, wherein the pharmaceutical pain relieving and anti-inflammatory agents are selected from a group consisting of acetaminophen, NSAID's, and combinations thereof.
4. A composition according to claim 3, wherein the pain relieving and anti-inflammatory agents are selected from a group consisting of acetaminophen, diclophenac, fenflofenac, aspirin, indomethacin, sulindac, tolmetin, ibuprofen, ketoprofen, fenoprofen, flurbiprofen, naproxen, meclofenamic acid, flufenamic acid, piroxicam, tenoxicam, meloxicam, celicoxib, rofcoxib, nabumetone, and combinations thereof.
5. A composition according to claim 1 wherein said nutraceutical is selected from a group consisting of immune boosters, anti-oxidants, a liver protectant, joint relief agents, and combinations thereof.

6. A composition according to claim 5, wherein the nutraceutical immune booster is selected from a group consisting of zinc and effective salts thereof, at least one herb selected from a group consisting of herbs of the genus *Echinacea*, at least one herb selected from a group consisting of herbs of the genus *Sambucus*, Goldenseal and combinations thereof.
7. A composition according to claim 5, wherein the nutraceutical anti-oxidant is selected from a group consisting of at least one bioflavonoid, at least one herbal extract containing at least one bioflavonoid, ascorbic acid and pharmaceutically effective salts and derivatives thereof, garlic and extracts thereof, green tea and its extracts, at least one herb selected from a group consisting of herbs from the genus *Astragalus*, and combinations thereof.
8. A composition according to claim 5, wherein the nutraceutical liver protectant is milk thistle.
9. A composition according to claim 5 wherein the nutraceutical joint relief agent is selected from a group consisting of glucosamine, glucosamine sulfate, chondroitin, chondroitin sulfate, derivatives thereof and salts thereof.
10. A composition according to claim 1, wherein the pharmaceutical comprises an effective amount of a pain relieving and anti-inflammatory agent; and the nutraceutical comprises an effective amount of an immune boosting agent.
11. A composition according to claim 10, wherein the pain relieving and anti-inflammatory agent comprises at least one drug selected from a group consisting of acetaminophen, an

NSAID, and combinations thereof.

12. A composition according to claim 10, wherein the immune booster comprises at least one nutraceutical selected from a group consisting of zinc and effective salts thereof, at least one herb selected from a group consisting of herbs of the genus *Echinacea*, at least one herb selected from a group consisting of herb of the genus *Sambucus*, Goldenseal, and combinations thereof.
13. A composition according to claim 10, further comprising at least one additive selected from a group consisting of:
- a) an antioxidant;
  - b) a liver protectant; and
  - c) a joint relief agent.
14. A composition according to claim 10, further comprising an antioxidant selected from a group consisting of at least one bioflavonoid, at least one herbal extract containing at least one bioflavonoid, ascorbic acid and pharmaceutically effective salts and derivatives thereof, garlic and extracts thereof, green tea and its extracts, at least one herb selected from a group consisting of herbs from the genus *Astragalus*, and combinations thereof.
15. A composition according to claim 10, further including milk thistle.
16. A composition according to claim 10, further comprising at least one joint relief agent selected from a group consisting of glucosamine, glucosamine sulfate, chondroitin, chondroitin sulfate, derivatives thereof and salts thereof.
17. A composition according to claim 10, wherein the pain relieving and anti-inflammatory

agent comprises acetaminophen and the immune booster comprises zinc and effective salts thereof.

18. A composition according to claim 17, further including milk thistle.
19. A composition according to claim 10, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the immune booster comprises at least one herb selected from a group consisting of herbs of the genus *Echinacea*.
20. A composition according to claim 19, further including milk thistle.
21. A composition according to claim 10, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the immune booster comprises at least one herb selected from a group consisting of herbs of the genus *Sambucus*.
22. A composition according to claim 21, further including milk thistle.
23. A composition according to claim 10, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the immune booster comprises Goldenseal.
24. A composition according to claim 23, further including milk thistle.
25. A composition according to claim 10, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the immune booster comprises zinc and effective salts thereof.
26. A composition according to claim 10, wherein the pain relieving and anti-inflammatory agent comprises NSAID and the immune booster comprises at least one herb selected from a group consisting of herbs of the genus *Echinacea*.
27. A composition according to claim 10, wherein the pain relieving and anti-inflammatory

agent comprises an NSAID and the immune booster comprises at least one herb selected from a group consisting of herbs of the genus *Sambucus*.

28. A composition according to claim 10, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the immune booster comprises Goldenseal.
- 5 29. A composition according to claim 1, wherein the pharmaceutical comprises, an effective amount of a pain relieving and anti-inflammatory agent; and the nutraceutical comprises, an effective amount of an antioxidant.
30. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises at least one drug selected from a group consisting of acetaminophen or an NSAID.
31. A composition according to claim 29, wherein the anti-oxidant comprises at least one nutraceutical selected from a group consisting of at least one bioflavonoid, at least one herbal extract containing at least one bioflavonoid, ascorbic acid and pharmaceutically effective salts and derivatives thereof, garlic and extracts thereof, green tea and its extracts, at least one herb selected from a group consisting of herbs from the genus *Astragalus*, and combinations thereof.
32. A composition according to claim 29, further comprising at least one additive selected from a group consisting of:
- a) a liver protectant; and
  - b) a joint relief agent.
- 20 33. A composition according to claim 29, further comprising milk thistle.

34. A composition according to claim 29, further comprising a joint relief agent selected from a group consisting of glucosamine, glucosamine sulfate, chondroitin, chondroitin sulfate, derivatives thereof
35. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the antioxidant comprises at least one bioflavonoid.
36. A composition according to claim 35, further including milk thistle.
37. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the antioxidant comprises at least one herbal extract containing at least one bioflavonoid.
38. A composition according to claim 37, further including milk thistle.
39. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprise acetaminophen and the antioxidant comprises ascorbic acid and pharmaceutically effective salts and derivatives thereof.
40. A composition according to claim 39, further including milk thistle.
41. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the antioxidant comprises garlic and extracts thereof.
42. A composition according to claim 41, further including milk thistle.
43. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the antioxidant comprises green tea and its extracts.
44. A composition according to claim 43, further including milk thistle.
45. A composition according to claim 29, wherein the pain relieving and anti-inflammatory

agent comprises acetaminophen and the antioxidant comprises at least one herb selected from a group consisting of herbs from the genus *Astragalus*.

46. A composition according to claim 45, further including milk thistle.
47. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the antioxidant comprises at least one bioflavonoid.
48. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the antioxidant comprises at least one herbal extract containing at least one bioflavonoid.
49. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the antioxidant comprises ascorbic acid and pharmaceutically effective salts and derivatives thereof.
50. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the antioxidant comprises garlic and extracts thereof.
51. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the antioxidant comprises green tea and its extracts.
52. A composition according to claim 29, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the antioxidant comprises at least one herb selected from a group consisting of herbs from the genus *Astragalus*.
53. A composition according to claim 1, wherein the pharmaceutical comprises, an effective amount of a pain relieving and anti-inflammatory agent; and the nutraceutical comprises, an effective amount of a joint relief agent.

54. A composition according to claim 53, wherein the pain relieving and anti-inflammatory agent comprises at least one drug selected from a group consisting of acetaminophen, an NSAID, and combinations thereof.
55. A composition according to claim 53, wherein the joint relief agent is selected from a group consisting of glucosamine, glucosamine sulfate, chondroitin, chondroitin sulfate, derivatives thereof and salts thereof.
56. A composition according to claim 53, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the joint relief agent comprises glucosamine, derivatives thereof and salts thereof.
57. A composition according to claim 56, further including milk thistle.
58. A composition according to claim 53, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the joint relief agent comprises chondroitin, derivatives thereof and salts thereof.
59. A composition according to claim 58, further including milk thistle.
60. A composition according to claim 53, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the joint relief agent comprises glucosamine, derivatives thereof and salt thereof.
61. A composition according to claim 53, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the joint relief agent comprises chondroitin, derivatives thereof and salt thereof.
62. A composition according to claim 1 wherein the pharmaceutical comprises, an effective



amount of a pain relieving and anti-inflammatory agent; and

the nutraceutical comprises, an effective amount of a liver protectant.

63. A composition according to claim 62, wherein the pain relieving and anti-inflammatory agent comprises at least one drug selected from a group consisting of acetaminophen, and NSAID, and combinations thereof.

64. A composition according to claim 62, wherein the liver protectant is milk thistle.

65. A method of treating a patient suffering from pain resulting from an inflammatory response, comprising the step of administering to the patient a medicinal composition, said medicinal composition comprising:

at least one pharmaceutical;

at least one nutraceutical; and

a pharmaceutically acceptable base;

wherein at least one of the pharmaceutical and the nutraceutical treats pain

resulting from an inflammatory response.

66. A method according to claim 65, wherein said pharmaceutical is selected from a group consisting of pain relieving and anti-inflammatory agents.

67. A method according to claim 66, wherein the pharmaceutical pain relieving and anti-inflammatory agents are selected from a group consisting of acetaminophen, NSAID's, and combinations thereof.

68. A method according to claim 67, wherein the pain relieving and anti-inflammatory agents are selected from a group consisting of acetaminophen, diclophenac, fenflofenac, aspirin,

indomethacin, sulindac, tolmetin, ibuprofen, ketoprofen, fenoprofen, flurbiprofen, naproxen, meclofenamic acid, flufenamic acid, piroxicam, tenoxicam, meloxicam, celicoxib, roficoxib, nabumetone, and combinations thereof.

69. A method according to claim 65, wherein said nutraceutical is selected from a group consisting of immune boosters, antioxidants, a liver protectant, joint relief agents, and combinations thereof.
70. A method according to claim 69, wherein the nutraceutical immune booster is selected from a group consisting of zinc and effective salts thereof, at least one herb selected from a group consisting of herbs of the genus *Echinacea*, at least one herb selected from a group consisting of herbs of the genus *Sambucus*, Goldenseal and combinations thereof.
71. A method according to claim 69, wherein the nutraceutical anti-oxidant is selected from a group consisting of at least one bioflavonoid, at least one herbal extract containing at least one bioflavonoid, ascorbic acid and pharmaceutically effective salts and derivatives thereof, garlic and extracts thereof, green tea and its extracts, at least one herb selected from a group consisting of herbs from the genus *Astragalus*, and combinations thereof.
72. A method according to claim 69, wherein the nutraceutical liver protectant is milk thistle.
73. A method according to claim 69, wherein the nutraceutical joint relief agent is selected from a group consisting of glucosamine, glucosamine sulfate, chondroitin, chondroitin sulfate, derivatives thereof and salts thereof.
74. A method according to claim 65, wherein the pharmaceutical comprises an effective amount of a pain relieving and anti-inflammatory agent; and

the nutraceutical comprises an effective amount of an immune booster.

75. A method according to claim 65, wherein the pain relieving and anti-inflammatory agent comprises at least one drug selected from a group consisting of acetaminophen, an NSAID, and mixtures thereof.

5 76. A method according to claim 74, wherein the immune booster comprises at least one nutraceutical selected from a group consisting of a group zinc and effective salts thereof, at least one herb selected from a group consisting of herbs of the genus *Echinacea*, at least one herb selected from a group consisting of herbs of the genus *Sambucus*, Goldenseal, and combinations thereof.

77. A method according to claim 74, wherein the medicinal composition further comprises at least one additive selected from a group consisting of:

- a) an antioxidant;
- b) a liver protectant; and
- c) a joint relief agent.

78. A method according to claim 74, further comprising an antioxidant selected from a group consisting of at least one bioflavonoid, at least one herbal extract containing at least one bioflavonoid, ascorbic acid and pharmaceutically effective salts and derivatives thereof, garlic and extracts thereof, green tea and its extracts, at least one herb selected from a group consisting of herbs from the genus *Astragalus*, and combinations thereof.

20 79. A method according to claim 74, further including milk thistle.

80. A method according to claim 74, further comprising at least one joint relief agent selected

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from a group consisting of glucosamine, glucosamine sulfate, chondroitin, chondroitin sulfate, derivatives thereof and salts thereof.

81. A method according to claim 74, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the immune booster comprises zinc and effective salts thereof.

82. A method according to claim 81, further including milk thistle.

83. A method according to claim 74, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the immune booster comprises at least one herb selected from a group consisting of herbs of the genus *Echinacea*.

84. A method according to claim 83, further including milk thistle.

85. A method according to claim 74, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the immune booster comprises at least one herb selected from a group consisting of herbs of the genus *Sambucus*.

86. A method according to claim 85, further including milk thistle.

87. A method according to claim 74, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the immune booster comprises Goldenseal.

88. A method according to claim 87, further including milk thistle.

89. A method according to claim 74, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the immune booster comprises zinc and effective salts thereof.

90. A method according to claim 74, wherein the pain relieving and anti-inflammatory agent comprises NSAID and the immune booster comprises at least one herb selected from a

group consisting of herbs of the genus *Echinacea*.

91. A method according to claim 74, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the immune booster comprises at least one herb selected from a group consisting of herbs of the genus *Sambucus*.

92. A method according to claim 74, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the immune booster comprises Goldenseal.

93. A method according to claim 65, wherein the pharmaceutical comprises, an effective amount of a pain relieving and anti-inflammatory agent; and the nutraceutical comprises, an effective amount of an antioxidant.

94. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent comprises at least one drug selected from a group consisting of acetaminophen, and an NSAID.

95. A method according to claim 93, wherein the anti-oxidant is selected from a group consisting of at least one bioflavonoid, at least one herbal extract containing at least one bioflavonoid, ascorbic acid and pharmaceutically effective salts and derivatives thereof, garlic and extracts thereof, green tea and its extracts, at least one herb selected from a group consisting of herbs from the genus *Astragalus*, and combinations thereof.

96. A method according to claim 93, further comprising at least one additive selected from a group consisting of:

a) a liver protectant; and

b) a joint relief agent.

97. A method according to claim 93, further comprising milk thistle.
98. A method according to claim 93, further comprising a joint relief agent selected from a group consisting of glucosamine, glucosamine sulfate, chondroitin, chondroitin sulfate, derivatives thereof and salts thereof.
- 5 99. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the antioxidant comprises at least one herbal extract containing at least one bioflavonoid.
100. A method according to claim 99, further including milk thistle.
101. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the antioxidant comprises ascorbic acid and pharmaceutically effective salts and derivatives thereof.
102. A method according to claim 101, further including milk thistle.
103. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the antioxidant comprises garlic and extracts thereof.
104. A method according to claim 103, further including milk thistle.
105. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the antioxidant comprises green tea and its extracts.
106. A method according to claim 105, further including milk thistle.
107. A method according to claim 93 wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the antioxidant comprises at least one herb selected from a group consisting of herbs from the genus *Astragalus*.

108. A method according to claim 107, further including milk thistle.
109. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the antioxidant comprises at least one bioflavonoid.
110. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent  
5 comprises an NSAID and the antioxidant comprises at least one herbal extract containing at least one bioflavonoid.
111. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the antioxidant comprises ascorbic acid and pharmaceutically effective salts and derivatives thereof.
112. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent  
10 comprises an NSAID and the antioxidant comprises garlic and extracts thereof.
113. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the antioxidant comprises green tea and its extracts.
114. A method according to claim 93, wherein the pain relieving and anti-inflammatory agent  
15 comprises an NSAID and the antioxidant comprises at least one herb selected from a group consisting of herbs from the genus *Astragalus*.
115. A method according to claim 65, wherein the pharmaceutical comprises, an effective amount of a pain relieving and anti-inflammatory agent; and the nutraceutical comprises, an effective amount of a joint relief agent.
- 20 116. A method according to claim 115, wherein the pain relieving and anti-inflammatory agent comprises at least one drug selected form a group consisting of acetaminophen, and

NSAID, and combinations thereof.

117. A method according to claim 115, wherein the joint relief agent is selected from a group consisting of glucosamine, glucosamine sulfate, chondroitin, chondroitin sulfate, derivatives thereof and salts thereof.
- 5 118. A method according to claim 115, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the joint relief agent comprises glucosamine, derivatives thereof and salts thereof.
119. A method according to claim 118, further including milk thistle.
120. A method according to claim 115, wherein the pain relieving and anti-inflammatory agent comprises acetaminophen and the joint relief agent comprises chondroitin, derivatives thereof and salts thereof.
121. A method according to claim 120, further including milk thistle.
122. A method according to claim 115, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the joint relief agent comprises glucosamine, derivatives thereof and salts thereof.
123. A method according to claim 115, wherein the pain relieving and anti-inflammatory agent comprises an NSAID and the joint relief agent comprises chondroitin, derivatives thereof and salts thereof.
124. A method according to claim 65, wherein the pharmaceutical comprises, an effective amount of a pain relieving and anti-inflammatory agent; and the nutraceutical comprises, an effective amount of a liver protectant.



125. A method according to claim 124, wherein the pain relieving and anti-inflammatory agent comprises at least one drug selected from a group consisting of acetaminophen and an NSAID, and combinations thereof.
126. A method according to claim 124, wherein the liver protectant is milk thistle.